

April 25, 2002

California Department of Forestry,
Weaverville Fire Station
240 Washington Street
Weaverville, Trinity County

Notice of Proposed No Further Action related to petroleum discharges.
Comment Period ends May 25, 2002

Site History: The site has been used as a California Department of Forestry and Fire Protection (CDF) fire station since the 1950s. One 500-gallon gasoline and two 1,000-gallon diesel underground storage tanks (UST's) were installed sometime early in the CDF occupancy of the site. Sometime prior to 1989, the 500-gallon UST was closed in place by filling with dirt, and one of the 1,000-gallon diesel tanks was converted to unleaded gasoline.

Soil Excavation: All three UST's were removed from the site by excavation in April 1998. Soil samples collected during the excavation detected low levels (77 ug/kg) of total petroleum hydrocarbons as diesel (TPHd). The cavity was over-excavated in August 1998 and a soil sample was collected at approximately two feet below the floor of the original excavation (approximately 10 feet below ground surface (bgs). Laboratory results indicated total xylene at a concentration of 2.1 ug/kg and MtBE at a concentration of 13 ug/kg. No other analytes were found in detectable concentrations. No groundwater was encountered during the tank removal or subsequent over-excavation.

Subsurface Investigation: On November 7 and 8, 2001, five temporary borings (B1-01 through B5-01) were drilled to approximately 50 feet bgs. Soil samples were collected at intervals of five feet. Groundwater was encountered in four of the five borings and samples were collected using disposable bailers. The initial water depth in the borings was approximately 47 feet bgs, but raised to 30 to 40 feet bgs. After drilling, groundwater samples were collected for analysis.

Analytical Results: Soil samples from all six borings indicated trace concentrations of TPHd with detectable concentrations ranging from 1.0 ug/g at 35 feet bgs in boring B4-01 to 7.6 ug/g at five feet bgs in boring B2-01. Additionally, borings B1-01a and B1-01 had TPHg concentrations of 2.6 ug/g and 1.4 ug/g, respectively. Groundwater samples were collected in four of the six borings. There were no detectable concentrations of any analyte at standard detection limits.

Neighboring Sites: A high school is located to the southwest of the site, and retail businesses are found to the north and south. A community park is adjacent to and South of the site. A housing development, adjacent to the site to the north, was built in the early to mid 1980s when a municipal water hookup moratorium was in place. A domestic water well for the neighborhood was installed. The development has since been added to the municipal water supply, and the domestic well is no longer in use.

Data Review: The underground storage tanks have been removed. The surface soil has very low concentrations of TPHd. The groundwater table is between 30 to 40 feet below ground surface. Results of analyses of groundwater samples in four borings indicated no detectable concentrations of any analyte.

Related documents and file information are available for review until May 17, 2002. Please contact Ron Allen (aller@rb1.swrcb.ca.gov) with any questions.

Unless additional comments are received with significant new information, the Regional Water Board staff plans to concur with no further action upon close of the comment period.